



Fig. 10

	Ex. 1	Ex. 2	Ex. 3	Ex. 4	Comp. Ex. 1	Comp. Ex. 2	Comp. Ex. 3	Comp. Ex. 4
Core	Specific gravity	1.08	1.08	1.08	1.08	1.08	1.2	1.2
	Shore D hardness	40	40	50	40	40	40	50
	BR	100	100	100	100	100	100	100
	Zinc oxide	5	5	4	5	5	5	5
	Barium sulfate	5	5	2	5	5	25	22
	Peroxide	1	1	1	1	1	1	1
	Zinc acrylate	21	21	31	21	21	21	31
First intermediate layer	Antioxidant	0.1	0.1	0.1	0.1	0.1	0.1	0.1
	Specific gravity	1.16	1.2	1.14	1.2	1.14	1.2	1.2
	Shore D hardness	50	50	45	50	50	50	45
	BR	100	100	100	100	100	100	100
	Zinc oxide	5	5	5	5	5	5	5
	Barium sulfate	15	22	11	22	11	22	23
	Peroxide	1	1	1	1	1	1	1
Second intermediate layer	Zinc acrylate	31	31	26	31	31	31	26
	Antioxidant	0.1	0.1	0.1	0.1	0.1	0.1	0.1
	Specific gravity	1.25	1.25	1.23	1.25	1.23	1.13	1.13
	Shore D hardness	43	45	43	45	43	43	40
	BR	100	100	100	100	100	100	100
	Zinc oxide	5	5	5	5	5	5	5
	Barium sulfate	33	32	30	32	33	12	13
Cover	Peroxide	1	1	1	1	1	1	1
	Zinc acrylate	24	26	24	26	24	24	21
	Antioxidant	0.1	0.1	0.1	0.1	0.1	0.1	0.1
	HIMILAN 1706	50	50	50	50	50	50	50
	HIMILAN 1605	50	50	50	50	50	50	50

Unit: Part by weight



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Fig. 11

	Ex. 1	Ex. 2	Ex. 3	Ex. 4	Comp. Ex. 1	Comp. Ex. 2	Comp. Ex. 3	Comp. Ex. 4
Rib	Present	Present	Present	Present	Present	Present	Not present	Not present
Core	23.3	26.5	16.9	23.3	26.9	16.5	32.3	32.3
	Diameter (mm)							
	40	40	40	50	40	40	40	50
First intermediate layer	8.0	6.4	11.2	8.0	6.2	11.4	2.0	2.0
	Thickness (Rib height) (mm)							
Second intermediate layer	50	50	50	45	50	50	50	45
	Thickness (mm)							
Cover	8.0	6.4	11.2	8.0	6.2	11.4	1.5	1.5
	Hardness							
	43	45	43	40	45	43	43	40
	Thickness (mm)							
	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
	Hardness							
	62	62	62	62	62	62	62	62

Fig. 12

	Example 1	Example 2	Example 3	Example 4	Comp. Ex. 1	Comp. Ex. 2	Comp. Ex. 3	Comp. Ex. 4
1W	200.2	199.7	197.9	197.7	194.5	194.2	194.1	192.5
Carry (m)	212.2	211.4	208.1	206.5	211.0	205.4	206.4	201.9
Total (m)	2501	2510	2488	2912	2524	2460	2411	2811
Back Spin (rpm)	Excellent	Excellent	Excellent	Excellent	Excellent	Too soft	Excellent	Too soft
Feeling								
5W	150.2	150.5	149.0	148.3	149.5	145.0	146.0	144.2
Carry (m)	158.0	158.3	156.9	151.2	159.5	153.8	157.3	1478.2
Total (m)	4492	4481	4518	5224	4398	4711	4342	5118
Back Spin (rpm)	Excellent	Excellent	Excellent	Excellent	Hard	Too soft	Excellent	Too soft
Feeling								